

## **CERTIFICATE OF ANALYSIS**

|                         |                           |
|-------------------------|---------------------------|
| <b>Product Name</b>     | Dihydroxyacetone          |
| <b>INCI Name</b>        | 1,3-dihydroxy-2-propanone |
| <b>CAS#</b>             | 96-26-4                   |
| <b>Lot Number</b>       | 20240617                  |
| <b>Manufacture Date</b> | 06/2024                   |
| <b>Re-test Date</b>     | 06/2026                   |

| <b>Property</b>               | <b>Specification</b>     | <b>Result</b> |
|-------------------------------|--------------------------|---------------|
| <b>Appearance</b>             | White crystalline powder | Pass          |
| <b>Identity</b>               | CONFORMS                 | Pass          |
| <b>Appearance of solution</b> | Clear                    | CONFORMS      |
| <b>Water</b>                  | ≤ 0.5%                   | 0.4%          |
| <b>pH(5%)</b>                 | 3 - 6                    | 4.5           |
| <b>Glycerol(TLC)</b>          | ≤ 0.5%                   | CONFORMS      |
| <b>Protein(colorimetric)</b>  | ≤ 0.1%                   | CONFORMS      |
| <b>Assay</b>                  | 98.0 - 102%              | 99.0%         |
| <b>Iron</b>                   | ≤ 20ppm                  | CONFORMS      |
| <b>Formic acid</b>            | ≤ 30ppm                  | CONFORMS      |
| <b>Sulfated ashed (600°C)</b> | ≤ 0.1%                   | CONFORMS      |
| <b>Lead</b>                   | ≤ 10 mg/kg               | < 10 mg/kg    |
| <b>Arsenic</b>                | ≤ 2 mg/kg                | < 2 mg/kg     |
| <b>Mercury</b>                | ≤ 1 mg/kg                | < 1 mg/kg     |
| <b>Cadmium</b>                | ≤ 5 mg/kg                | < 5 mg/kg     |
| <b>Total plate count</b>      | ≤ 100cfu/g               | CONFORMS      |
| <b>Viable Aerobic Count</b>   | ≤ 100cfu/g               | CONFORMS      |
| <b>E.coli</b>                 | Absent in 1g             | Absent in 1g  |
| <b>Pseudomonas aeruginosa</b> | Absent in 1g             | Absent in 1g  |
| <b>Staphylococcus aureus</b>  | Absent in 1g             | Absent in 1g  |
| <b>Candida albicans</b>       | Absent in 1g             | Absent in 1g  |
| <b>Salmonella species</b>     | Absent in 1g             | Absent in 1g  |

### **STABILITY AND STORAGE:**

Keep in tightly closed container in a cool and dry place, protected from sunlight. When stored for more than 24 months, quality should be checked before use.

**As it is electronically generated document, hence no signature required.**

**Disclaimer:** This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any other process. Such information is to be the best of the company's knowledge and believed accurate and reliable as of the date indicated. However, no representation, warranty or guarantee of any kind, express or implied, is made as to its accuracy, reliability or completeness and we assume no responsibility for any loss, damage or expense, direct or consequential, arising out of use. It is the user's responsibility to satisfy himself as to the suitability & completeness of such information for his own particular use.